

OBTURATOR FOR LARGE CALIBER SMOOTH BORE AMMUNITION

Abstract of the Disclosure

An obturator having redundant surfaces for sealing between a projectile and a gun tube, where the obturator has at least one gun tube side cannellure. At least one projectile side cannellure is located opposite to the at least one gun tube side cannellure, where the at least one gun tube side cannellure is conformed to seal around the projectile. A tail protrudes from a rearward end of the at least one gun tube side cannellure, where the tail makes an interference fit with the smooth gun bore to make a low pressure seal.

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